

**CONVERSION OF VOICE-OVER-IP MEDIA CONTROL MESSAGING INTO MOBILE
CONTROL CHANNEL SIGNALING USING A VOICE-OVER IP GATEWAY**

ABSTRACT

A gateway serving as an interface between a mobile network and a wireless network can be configured to send a signal strength indicator to the mobile network thereby causing the mobile network to recognize the gateway as a valid path for handing off a call. The wireless network can be configured according to one of the 802.11 wireless communications protocols. The gateway can route the call from the mobile network to a wireless access point of the wireless network via a packet-switched network, such that the call is conducted via a wireless communications link with the wireless access point.